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Approved for use through 10/31/2002. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **BAL43US**First Inventor **KIA SILVERBROOK**Title **A PRINTING CARTRIDGE WITH CAPACITIVE SENSORS FOR IDENTIFICATION OF CHARACTERISTICS**

Express Mail Label No. \_\_\_\_\_

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages **286**]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets **231** ]
- Oath or Declaration [ Total Pages **3** ]
  - Newly executed (original or copy)
  - Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 17 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**10/659030****ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)of prior application No. **09 / 922,112**

Prior application information:

Examiner **Craig Alan Hallacher**Group / Art Unit: **2853**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label **24011**  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	<b>KIA SILVERBROOK</b>				
Address	393 Darling Street,				
	Balmain	State	NSW	Zip Code	
City	Balmain	State	NSW	Zip Code	<b>2041</b>
Country	Australia	Telephone	+61-2-9818-6633	Fax	+61-2-9819-6711
Name (Print/Type)	<b>KIA SILVERBROOK</b>		Registration No. (Attorney/Agent)		
Signature			Date <b>August 25, 2003</b>		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1698 U.S. PTO  
30/TI/60

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# FEE TRANSMITTAL for FY 2003

*Effective 01/01/2003. Patent fees are subject to annual revision.*

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 790.00)**Compl. te if Known**

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Examiner Name	
Art Unit	
Attorney Docket No.	BAL43US

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 750.00)</b>	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
10	-20** = 0		x 18	= 0	
1	- 3** = 0		x 84	= 0	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ )</b>

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 40.00)**SUBMITTED BY**

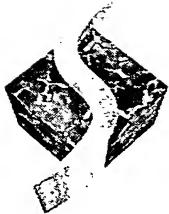
Name (Print/Type)	Kia Silverbrook	Registration No. (Attorney/Agent)		Telephone +61298186633
Signature	<i>[Signature]</i>		Date	August 25, 2003

(Complete if applicable)

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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ACN 066 573 671

**Direct fax +61 2 95455 7762**

September 5, 2003

Commissioner of Patents and Trademarks  
Washington DC 20231  
USA

Dear Sir

**18 New United States Patent Applications**  
**Assignee: Silverbrook Research Pty Ltd**

This letter accompanies 18 new patent applications.

**One bank draft** for the total amount of US\$14,900 is enclosed to cover filing and assignment fees for each of the 18 applications. Also attached is a list giving details of each application.

We look forward to receiving filing receipts in due course.

If you need to contact us in relation to the applications, please email my assistant, Leonie News at [leonie.news@silverbrookresearch.com](mailto:leonie.news@silverbrookresearch.com) or by fax to +61 2 9555 7762.

Yours faithfully

Kia Silverbrook  
Silverbrook Research Pty Ltd

DOCKET NO	TITLE	INVENTORS	AMOUNT US\$
1 IP33	Digital printing system	Paul Lapstun & Kia Silverbrook	\$830.00
2 IP34	Integrated circuit for printer	Paul Lapstun & Kia Silverbrook	\$830.00
3 IP35	Integrated circuit	Paul Lapstun & Kia Silverbrook	\$830.00
4 IP36	Printer controller circuit	Paul Lapstun & Kia Silverbrook	\$830.00
5 IP37	Pagewidth printhead controller circuit	Paul Lapstun & Kia Silverbrook	\$830.00
6 IP38	High data rate printer architecture and method of printing using same	Paul Lapstun & Kia Silverbrook	\$830.00
7 ZG144	Print Media Cartridge with Integral Print Media and Ink Supplies	Tobin Allen King & Kia Silverbrook	\$830.00
8 ZG145	Print Media Cartridge with Integral Print Media Transport Mechanism and Ink Supply	Tobin Allen King & Kia Silverbrook	\$830.00
9 PAK30	Modular Pagewidth Printhead Having Replaceable Printhead Modules	Roger Mervyn Lloyd Foote, Tobin Allen King, Garry Raymond Jackson, Kia Silverbrook	\$910.00
10 NPP029	Combined Printer and Binder	Kia Silverbrook & Paul Lapstun	\$830.00
11 NPP030	Interactive Publication Printer and Binder	Kia Silverbrook & Paul Lapstun	\$830.00
12 BAL63	A Handheld Mobile Communications Device with a Colour Image Sensor and a Color Printer	Kia Silverbrook & Tobin Allen King	\$830.00
13 BAL62	A Hand Held Mobile Communications Device with an Image Sensor and a Printer	Kia Silverbrook & Tobin Allen King	\$830.00
14 AP88	A Handheld Mobile Communications Device with Integral Internal Printer	Kia Silverbrook & Tobin Allen King	\$830.00
15 AP89	A Handheld Mobile Communications Device with a Detachable Printing Mechanism	Kia Silverbrook & Tobin Allen King	\$830.00
16 BAL43	A Printing Cartridge with Capacitive Sensors for Identification of Characteristics	Kia Silverbrook	\$790.00
17 BAL42	A Method of Identifying Printing Cartridge Characteristics with Capacitive Sensors	Kia Silverbrook	\$790.00
18 BAL44	A Printing Device for Use with a Printing Cartridge Having Capacitive Sensor Identification	Kia Silverbrook	\$790.00
			\$14,900.00

**Commonwealth** Bank

Commonwealth Bank of Australia  
ABN 48 123 123 124



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113016716

Date 04 September 2003

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The sum of FOURTEEN THOUSAND, NINEHUNDREDDOLLARS\*\*\*\*\*  
\*\*\*\*\*USD \*\*\*14,900.00\*\*\*\*\*

To BANK OF AMERICA NA  
NEW YORK, NY

For Commonwealth Bank of Australia  
ABN 48 123 123 124

THIS DRAFT CONTAINS A WATERMARK OF A PADLOCK AND KEY

Manager

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Accountant

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